

Converting Colors

YIQ(96.1830, 13.5670, 23.9590)

Have a look what the booklet for
YIQ(96.1830, 13.5670, 23.9590)
contains.

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Color

**YIQ(96.1830, 13.5670,
23.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4D7A
RGB	124, 77, 122
RGB Percent	49%, 30%, 48%
CMY	0.5136, 0.6981, 0.5215
CMYK	0.00, 0.38, 0.02, 0.51
HSL	303°, 23%, 39%
HSV	303°, 38%, 49%
XYZ	14.4830, 10.9980, 19.7734
YIQ	96.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

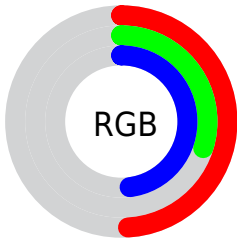
Format	Color
R_{YB}	124, 77, 122
Decimal	8146298
CIE _{Lab}	39.58, 27.50, -17.44
CIE _{LCh}	40, 32.565, 327.628
Yxy	10.9980, 0.3200, 0.2430
Android (android.graphics.Color)	4286336378 (0xFF7C4D7A)
YUV	96.1830, 12.7278, 24.3955
Hunter-Lab	33.1632, 19.9185, -12.1371

Details

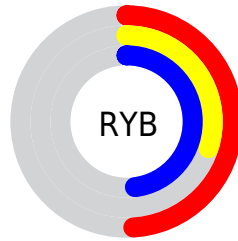
The YIQ color **96.1830, 13.5670, 23.9590** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.8170, -13.5670, -23.9590**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4220, 14.3920, 25.5280**, and **48.0580, 12.4210, 22.7010** is the 20% darker color. If you saturate the color by 10%, you get **89.0250, 17.1880, 29.9240**, and if you desaturate by 10%, it is **103.3410, 9.9460, 17.9940**.

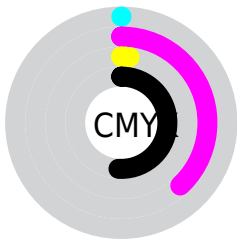
Distribution



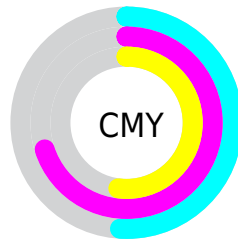
- Red (49%)
- Green (30%)
- Blue (48%)



- Red (49%)
- Yellow (30%)
- Blue (48%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.1830, 13.5670, 23.9590 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 96.1830, 13.5670, 23.9590 by changing the saturation by 10% instead.

■ 96.1830, 13.5670,
23.9590

■ 96.1830, 13.5670,
23.9590

255.0000, -0.0000,
-0.0000

■ 71.7700, 13.2920,
23.4360

■ 147.4220, 14.3920,
25.5280

■ 48.0580, 12.4210,
22.7010

■ 174.1340, 15.2630,
26.2630

■ 24.7590, 11.8250,
22.4890

■ 201.8460, 16.1340,
26.9980

■ 12.9880, 9.4420,
16.1140

■ 227.4110, 12.9250,
24.5810

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.2250,
9.9370

96.1830, 13.5670,
23.9590

96.1830, 13.5670,
23.9590

89.0250, 17.1880,
29.9240

103.3410, 9.9460,
17.9940

81.3940, 20.7630,
36.7230

110.9720, 6.3710,
11.1950

74.2360, 24.3840,
42.6880

118.1300, 2.7500,
5.2300

66.6050, 27.9590,
49.4870

125.7610, -0.8250,
-1.5690

59.4470, 31.5800,
55.4520

132.9190, -4.4460,
-7.5340

52.4030, 34.8800,
61.7280


139.9630, -7.7460,
-13.8100

50.6420, 35.7050,
63.2970

147.7080,
-11.6420, -20.2980

154.7520,

-14.9420, -26.5740

 162.4970,
-18.8380, -33.0620

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5370, -14.0330, 17.5430



96.1830, 13.5670, 23.9590



94.7800, 33.6950, 22.6150

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.1830, 13.5670, 23.9590



91.0520, 28.6120, -11.9320



75.5600, -66.7070, -19.0510

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



96.1830, 13.5670, 23.9590



104.8170, -13.5670, -23.9590

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0690, -58.3150, -27.9710



96.1830, 13.5670, 23.9590



88.2450, 8.7150, -20.2850

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.1830, 13.5670, 23.9590



92.3020, 40.0720, 0.6480



83.5930, -18.7480, -23.6760



76.0790, -72.3020, -11.2620

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.1830, 13.5670, 23.9590



94.0270, 40.0690, 17.2290



83.5930, -18.7480, -23.6760



75.1210, -64.0930, -22.3730

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



96.1830, 13.5670, 23.9590



150.3200, 5.2710, 9.1030



82.9560, -13.8950, 15.0410



75.4290, 3.3460, 5.4420



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1830, 13.5670, 23.9590



117.1060, 21.6340, 37.4580



93.5610, 20.9500, 16.8060



57.4780, 1.6500, 3.1380



51.0550, 35.9800, 63.8200



102.9360, 72.5100, 128.6860

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



96.1830, 13.5670, 23.9590



117.1060, 21.6340, 37.4580



107.4390, -20.9500, -16.8060



57.4780, 1.6500, 3.1380



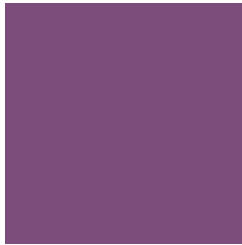
51.0550, 35.9800, 63.8200



102.9360, 72.5100, 128.6860

Previews

White Background



This preview shows how the YIQ color 96.1830, 13.5670, 23.9590 looks on a white background.

Color Contrast Check

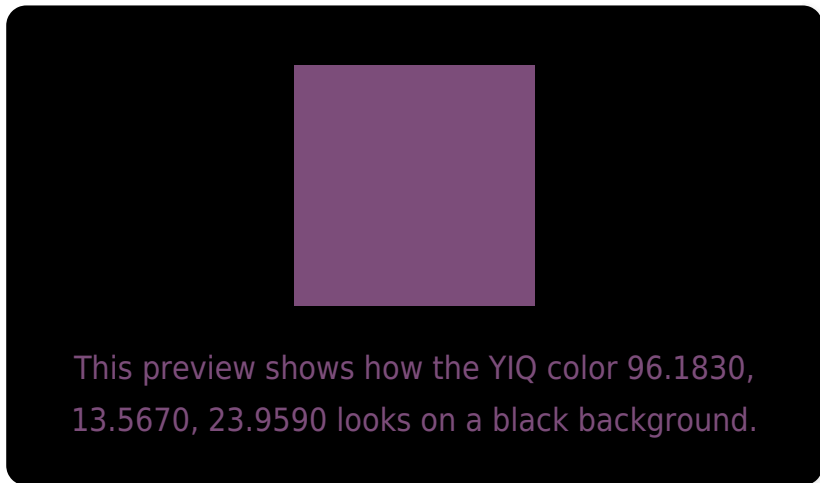
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

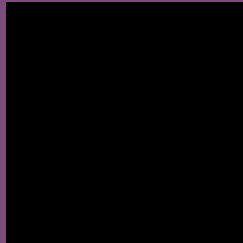
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 96.1830, 13.5670, 23.9590

Background



This preview shows how black text looks on a background with the YIQ color 96.1830, 13.5670, 23.9590.



This preview shows how white text looks on a background with the YIQ color 96.1830, 13.5670,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.1830, 13.5670, 23.9590

Protanopia

93.4990, -20.0380, 10.7300

Deuteranopia

94.1810, -10.4550, 7.7610



Tritanopia

95.4480, 19.5300, 9.4980

Trichromacy



Original Color

96.1830, 13.5670, 23.9590

Protanomaly

94.8920, -7.8430, 15.4930

Deuteranomaly

95.2470, -1.6530, 13.4430

Tritanomaly

95.3540, 17.0990, 15.0110

Monochromacy



Original Color

96.1830, 13.5670, 23.9590

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.1830, 13.5670, 23.9590 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 77, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 77, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 77, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 77, 122) }
```

Border

The CSS property to change the border of an element to YIQ 96.1830, 13.5670, 23.9590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 77, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 77, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 77, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 77, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 77, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 77,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 96.1830, 13.5670, 23.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 77, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124, 77,  
122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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